Hara et al.				
[54]	OPTICAL READING APPARATUS WITH AUTOMATIC GAIN CONTROL CIRCUIT			
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[21]	Appl. No.: 436,822			
[22]	Filed: Oct. 26, 1982			
[30]	Foreign Application Priority Data			
Oct. 30, 1981 [JP] Japan 56-175069				
	Int. Cl. ³			
[58]	Field of Search 235/462, 463, 472, 464			
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mber: 4,528,444

[45] Date of Patent:

Jul. 9, 1985

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[57] ABSTRACT

In an optical reading apparatus having a reading sensor for converting optically readable information into an electrical analog signal, an automatic gain control circuit is provided to maintain the amplitude of the electrical signal constant. The gain of the automatic gain control circuit is controlled such that the average or peak voltage of the electrical signal derived from the reading sensor is detected and held until next scanning effected by the reading sensor so that a variable impedance element included in the automatic gain control circuit will be controlled in accordance with the held voltage to maintain the amplitude of the electrical signal constant.

11 Claims, 11 Drawing Figures

